



**TROPICAL CYCLONE BULLETIN NR. 10**

**Typhoon HANNA (HAIKUI)**

Issued at 5:00 AM, 02 September 2023

Valid for broadcast until the next bulletin at 11:00 AM today.

**TYPHOON HANNA CONTINUES TO MOVE GENERALLY WESTWARD TOWARDS THE SEA EAST OF TAIWAN**

**Location of Center (4:00 AM)**

The center of the eye of Typhoon HANNA was estimated based on all available data at **520 km East Northeast of Itbayat, Batanes (21.9°N, 126.7°E)**

**Intensity**

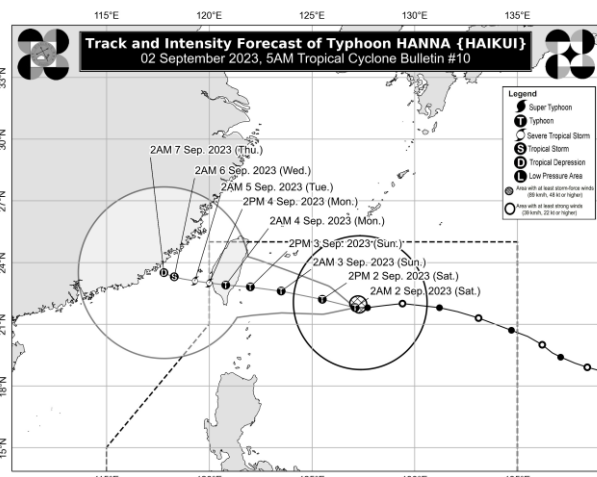
Maximum sustained winds of **120 km/h** near the center, gustiness of up to **150 km/h**, and central pressure of **975 hPa**

**Present Movement**

**Westward at 10 km/h**

**Extent of Tropical Cyclone Winds**

**Strong to typhoon-force winds** extend outwards up to **400 km** from the center



**TRACK AND INTENSITY FORECAST**

Date and Time	Center Position			Intensity		Movement dir. and speed (km/h)
	Lat. (°N)	Lon. (°E)	Location	MSW (km/h)	Cat.	
<b>12-Hour Forecast</b> 2:00 PM 02 September 2023	22.2	125.5	410 km East Northeast of Itbayat, Batanes	130	TY	WNW 15
<b>24-Hour Forecast</b> 2:00 AM 03 September 2023	22.6	123.5	265 km Northeast of Itbayat, Batanes	140	TY	WNW 20
<b>36-Hour Forecast</b> 2:00 PM 03 September 2023	22.8	122.0	225 km North of Itbayat, Batanes	150	TY	W 15
<b>48-Hour Forecast</b> 2:00 AM 04 September 2023	22.9	120.8	260 km North Northwest of Itbayat, Batanes or in the vicinity of Kaohsiung City, Taiwan	120	TY	W 10
<b>60-Hour Forecast</b> 2:00 PM 04 September 2023	23.0	120.0	310 km Northwest of Itbayat, Batanes	100	STS	W slowly
<b>72-Hour Forecast</b> 2:00 AM 05 September 2023	23.1	119.3	365 km Northwest of Itbayat, Batanes (OUTSIDE PAR)	95	STS	W slowly
<b>96-Hour Forecast</b> 2:00 AM 06 September 2023	23.3	118.3	460 km Northwest of Itbayat, Batanes (OUTSIDE PAR)	75	TS	WNW slowly
<b>120-Hour Forecast</b> 2:00 AM 07 September 2023	23.5	117.8	515 km Northwest of Itbayat, Batanes (OUTSIDE PAR)	55	TD	Almost stationary



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TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT			
TCWS No.	Luzon	Visayas	Mindanao
<b>1</b> Wind threat: <b>Strong winds</b>	Batanes	-	-
	Warning lead time: <b>36 hours</b> Range of wind speeds: <b>39 to 61 km/h (Beaufort 6 to 7)</b> Potential impacts of winds: <b>Minimal to minor threat to life and property</b>		

**HAZARDS AFFECTING LAND AREAS**

**Heavy Rainfall Outlook**

**Forecast accumulated rainfall for tomorrow**

- **50-100 mm:** Batanes

**Forecast rainfall are generally higher in elevated or mountainous areas.** Under these conditions, **flooding and rain-induced landslides are expected** especially in areas that are highly or very highly susceptible to these hazards as identified in hazard maps and in localities that experienced considerable amounts of rainfall for the past several days.

The Southwest Monsoon currently enhanced by HANNA and two other tropical cyclones outside the Philippine Area of Responsibility (SAOLA and KIROGI) will bring occasional to monsoon rains over the western portion of Luzon in the next three days. For more information, refer to **Weather Advisory #17 for Southwest Monsoon** issued at 11:00 PM today.

**Severe Winds**

**The wind signals warn the public of the general wind threat over** an area due to the tropical cyclone. Local winds may be slightly stronger/enhanced in coastal and upland/mountainous areas exposed to winds. Winds are less strong in areas sheltered from the prevailing wind direction.

- **Minimal to minor impacts** from strong winds are also possible within any of the areas under Wind Signal No. 1.

The **enhanced Southwest Monsoon** will continue to bring **gusty conditions** over the following areas not under any Wind Signal, especially in coastal and upland/mountainous areas exposed to winds:

- **Today and tomorrow:** Batanes, Babuyan Islands, Ilocos Region, Cordillera Administrative Region, Nueva Vizcaya, Zambales, Pampanga, Bataan, Aurora, Bulacan, Metro Manila, CALABARZON, MIMAROPA, Bicol Region, Western Visayas, and the northern portion of Eastern Visayas.
- **Monday:** Batanes, Babuyan Islands, Ilocos Region, Cordillera Administrative Region, Nueva Vizcaya, Zambales, Pampanga, Bataan, Aurora, Bulacan, Metro Manila, CALABARZON, and most of Bicol Region, MIMAROPA, and Western Visayas.

**HAZARDS AFFECTING COASTAL WATERS**

A **Gale Warning is in effect** for the northern and western seaboard of Luzon, the eastern seaboard of Central and Southern Luzon, portions of seaboard of Northern Quezon, the southern seaboard of Southern Luzon, and the western seaboard of Visayas due to the combined influence of HANNA and the enhanced Southwest Monsoon. Disruption in civilian maritime activities is expected over these areas (e.g., suspension of sea travel) due to hazardous sea condition. For more information, refer to **Gale Warning #21** issued at 5:00 AM today.



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#### TRACK AND INTENSITY OUTLOOK

- A southward shift in the track forecast has been observed. HANNA is now forecast to move west northwestward or westward while intensifying until it makes landfall along the east coast of southern Taiwan between late Sunday or early Monday. Considerable weakening is expected as a result of HANNA crossing the rugged landmass of Taiwan. On the forecast track, HANNA will exit the Philippine Area of Responsibility and emerge over the Taiwan Strait around Monday afternoon or evening.
- Outside the PAR region, HANNA is forecast to move erratically and may even become slow-moving or almost stationary over the Taiwan Strait while continuously weakening due to land interaction and increasingly unfavorable environment. By late Wednesday or early Thursday, HANNA will have weakened into a tropical depression

Considering these developments, the public and disaster risk reduction and management offices concerned are advised to take all necessary measures to protect life and property. Persons living in areas identified to be highly or very highly susceptible to these hazards are advised to follow evacuation and other instructions from local officials. **For heavy rainfall warnings, thunderstorm/rainfall advisories, and other severe weather information specific to your area, please monitor products issued by your local PAGASA Regional Services Division.**

The next tropical cyclone bulletin will be issued at 11:00 AM today.

**DOST-PAGASA**

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